



IN REPLY  
REFER TO

Center For Standards

15 April 1997

Memorandum for Distribution

SUBJECT: Minutes - Symbology Standards Management Committee (SSMC) Meeting, 15 April 1997

**1. Introduction.** The Symbology Standards Management Committee (SSMC) was called to order at 0830 hours, 15 April 1997, by the Chair, CDR Rocky Wells, Syntax and Symbology Division, Center for Standards (CFS), Joint Interoperability and Engineering Organization (JIEO), Defense Information Systems Agency (DISA). Thomas Beal, Logicon JIEO support, welcomed the committee and began introductions. The following voting member organizations were represented by the individuals listed:

<u>Organization</u>	<u>Representative</u>
Assistant Secretary of Defense for Command, Control, Communications, and Intelligence Chairman, Joint Chiefs of Staff Chief of Staff, U.S. Air Force Chief of Staff, U.S. Army Chief of Naval Operations Commandant of the Marine Corps Commander in Chief, U.S. Atlantic Command Commander in Chief, U.S. European Command Commander in Chief, U.S. Central Command Commander in Chief, U.S. Pacific Command Commander in Chief, U.S. Southern Command Commander in Chief, U.S. Space Command Commander in Chief, U.S. Special Operations Command Commander in Chief, U.S. Strategic Command Commander in Chief, U.S. Transportation Command Department of Transportation, U.S. Coast Guard Director, Defense Intelligence Agency Director, National Imagery and Mapping Agency	LTC Salice Mr. Pucci Maj Krivdo

The roster of attendees is provided in enclosure 1.

**2. Approval of previous meeting minutes.** The Chair presented the 29 January 1997 meeting minutes and asked for recommended changes. No changes were offered, and the minutes were approved without change.

**Old Business**

**3. Action Items.** Thomas Beal, Logicon JIEO support, reviewed open action items.

*AI 97-1.* Update CM Plan and distribute it to members by the end of the February 1997 for review. Present CM plan at next SSMC meeting. It was directed that the web site address be added and information on how to obtain a password for coordination items be included. The CM plan will be distributed to all members through e-mail, and 1 week will be allowed for review. Votes will be collected by the Chairman from the members through e-mail or phone. AI closed.

*AI 97-2.* Develop a proposal for how to restructure MIL-STD-2525A (reference to CP MIL96-161). Options were presented to the group and discussed. Method 1 was brought to the floor for a vote and was unanimously passed (enclosure 2). AI closed.

*AI 97-3.* Review and rework appendix E of MIL-STD-2525A. Mr. Thom Beal informed the committee that review work had begun and that a working group within the Army had a need for a category of symbols called events. The committee agreed that this section should be included with Tactical Graphics and that there is a symbol in appendix D that should also be in the event section. The committee approved a major re-evaluation of appendix E, Tactical Graphics. This would be addressed during future working groups. See AI 97-4. AI closed.

**4. GSD Presentation.** Mr. Scott Herman, ASPO support, and Mr. Kort Woeller, Logicon, presented a briefing on the issues surrounding the symbol ID code supporting a basic type position (enclosure 3). With the use of a basic type identifier, it would allow for the information passed through the code to be more accurate and reduce the chance for incorrect symbol modifiers to be displayed. This concern wasn't with the message being confused during computer-to-computer transfers, but rather from user to computer. It was concluded that this issue should be noted and re-evaluated in future editions.

**5. CD-ROM Update.** Mr. Steve Cincala informed the committee that the CD-ROM is still in the process of being finalized. Symbols were still being reviewed and modified to be NITF compliant. Once the CGMs are received, the actual production process can begin. The target date for completion is 30 April 1997.

**6. Change 1.** Change 1 was reviewed and approved. The only modification that was needed was to change Operations Other Than War (OOTW) to read Military Operations Other Than War (MOOTW). Change 1 to MIL-STD-2525A was approved for distribution (enclosure 4).

## **New Business**

**7. Introduction of Change 2.** Mr. Steve Cincala, Logicon, presented change 2 to the committee. It was recommended that the new CPs be incorporated in the redesign of appendix E, Tactical Graphics (enclosure 5).

**8. Warfighting Symbolology and the JTIDS Message Set.** Mr. Todd Wilkerson, PEO-AMD, presented the issues surrounding the inclusion of the air defense symbolology in MIL-STD-2525A (enclosure 6). The Chairman recommended that the air defense community combine and provide a joint proposal of symbols for inclusion into the standard.

**9. Home Page Update.** The newly designed home page was presented and demonstrated. The goal

of the committee is to move toward a more interactive and user friendly home page. All members and participants need to obtain a password to gain access to the coordination items behind the firewall. If users need access, contact Barbara Kukrus at kukrusb@itsi.disa.mil or (703) 318-1074 X286.

## **10. New Action Items**

**AI 97-4.** Logicon will organize a working group to redesign appendix E, Tactical Graphics. CDR Wells will ask all the services, CINCs, and agencies to provide a complete list of tactical graphics to be included in the review.

**AI 97-5** Logicon will update the final CM plan and distribute it to all members for review, allowing 1 week for comments (no comment signifies consent), then submit it to the Chair for signature.

**AI 97-6** Army and Marine Corps are tasked to investigate the options of depicting a planned status with an unframed icon.

**AI 97-7** Army is tasked to provide a list of the options available for unframed color symbols that will be displayed on a black and white system.

## **Wrap-up**

**11. SSMC meeting adjourned.** The Chair adjourned the SSMC meeting at 1315 hours on 15 April 1997. The next SSMC/CCB is tentatively scheduled for 10 July 1997.

Roger Wells, Commander, USN  
Chair, Symbology Standards  
Management Committee

## **Distribution**

### **Enclosures**

1. roster of attendees
2. restructuring options
3. Basic Type issue page
4. Change 1
5. Change 2
6. Warfighting Symbology and the JTDS message set

**ENCLOSURE 1**

**ATTENDEE ROSTER**  
**Symbology Standards Management Committee Meeting**  
**29 January 1997**

Beal, Thom	Mr.	Logicon
Cincala, Steve	Mr.	Logicon
Gyger, Robert D.	Mr.	Intel Fusion PMO
Herman, Scott	Mr.	ASPO Support
Horton, Mona	Ms.	NCTSI, Logicon
Keays, Ann	Ms.	MCCDC, Quantico
Krivdo, Mike	Maj, USMC	MCCDC, Quantico
Kukrus, Barbara	Ms.	Logicon
Pucci, John	Mr.	SPAWAR
Salice, Hank	LTC, USA	ARMY
Turek, David E.	Mr.	USACGSC
Wells, Rocky	CDR, NAVY	DISA
Wilkerson, Todd	Mr.	PEO Missile Defense
Woeller, Kort	Mr.	Logicon

ENCLOSURE 2

## Method One - Detailed Appendixes

- A. In this method, each appendix is the focus of a single symbol set which would be divided into (sections, annexes, chapters ...) that would be similar to the current Appendixes A, B, C, and D. General information requirements applying to all warfighting symbology, applicable documents, definitions, and scope are the only subjects covered in the main document.
- B. MIL-STD-2525 Common Warfighting Symbology
  - 1. Scope
  - 2. Applicable Documents
  - 3. Definitions
  - 4. General Requirements
    - a. Requirements common to all 2525 symbology
  - 5. Detailed Requirements
    - a. Details common to more than one set of symbols
  - 6. Notes
  - 7. Appendix A: Common Warfighting Symbology
    - a. Technical Specifications
    - b. Symbol Coding Scheme
    - c. Hierarchy
    - d. Symbol Set
  - 8. Appendix B: Common Battlespace Geometry Symbology
    - a. Technical Specifications
    - b. Symbol Coding Scheme
    - c. Hierarchy
    - d. Symbol Set
  - 9. Appendix C: Weather Graphics
    - a. Technical Specifications
    - b. Symbol Coding Scheme
    - c. Hierarchy
    - d. Symbol Set
  - 10. Appendix D: Intelligence Symbology
    - a. Technical Specifications
    - b. Symbol Coding Scheme
    - c. Hierarchy
    - d. Symbol Set
  - 11. Appendix E: Vector Product Graphics
    - a. Technical Specifications
    - b. Symbol Coding Scheme
    - c. Hierarchy
    - d. Symbol Set
  - 12. Appendix F: Others
    - a. Technical Specifications
    - b. Symbol Coding Scheme
    - c. Hierarchy
    - d. Symbol Set

ENCLOSURE 4



SYMBOLY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER MIL97-6

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
msj	JIEO	5 February 1997	

CHANGE PROPOSAL TITLE

3.X.1 vs 3.X.7 SYMBOL I.D. CODE DUPLICATION

COMMENT

The symbol i.d. codes for both 3.X.1 and 3.X.7 are identical, W\*A\*P-----\*\*\*\*\*.

JIEO ANALYSIS

Recommend changing 3.X.7 from W\*A\*P-----\*\*\*\*\* to W\*A\*R-----\*\*\*\*\*. This will follow through with all the 3.X.7 sub-categories.

ACTION TAKEN

Approved (change 1). Change 3.X.7 from W\*A\*P-----\*\*\*\*\* to W\*A\*R-----\*\*\*\*\*, follow this through on all 3.X.7 sub-categories.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-7
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
msj	JIEO	24 February 1997	

CHANGE PROPOSAL TITLE
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### SYMBOL CODE DUPLICATION

COMMENT
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The following hierarchy numbers in table B-IX have the same symbol codes. Rework symbol id codes to eliminate duplication.

- 1) 2.X.2.2.4.7 and 2.X.2.2.4.12
- 2) 2.X.2.5.1.2 and 2.X.2.5.1.8
- 3) 2.X.3.1.3 and 2.X.3.1.8

JIEO ANALYSIS
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Agree. Recommend the following changes be made.

1) Change the symbol id code of 2.X.2.2.4.7 from G\*C\*BW R- -- \*\*\*\*\* to G\*C\*BW A- -- \*\* \*\* \*

2) Change the symbol id code of 2.X.2.5.1.2 from G\*C\*OX R- -- \*\*\*\*\* to G\*C\* OX E- -- \*\*\*\*\*

3) Change the symbol id code of 2.X.3.1.3 from GH0\* VM -- -- \*\* \*\* \* to GH0\* VE -- -- \*\* \*\* \*

Correct subsets of these hierarchy numbers to reflect new symbol id code changes as appropriate.

ACTION TAKEN
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SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-8
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
msj	JIEO	25 February 1997	

CHANGE PROPOSAL TITLE
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DUPLICATION OF FUNCTION ID

COMMENT
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The following hierarchy numbers in table B-IX have the same symbol codes (see function id portion). Rework symbol id codes to eliminate duplication.

- 1) 2.X.2.2.3.1 and 2.X.2.2.3.4
- 2) 2.X.3.3.7 and 2.X.3.3.9.

JIEO ANALYSIS
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Agree. Recommend changing the symbol id codes as follows:

- 1) 2.X.2.2.3.4 from G\*C\*BS E- -- \*\* \* \* \* to G\*C\*BS W- -- \*\* \* \* \*
- 2) 2.X.3.3.7 from GH0\*PF -- -- \*\* \* \* \* to GH0\*PG -- -- \*\* \* \* \*

ACTION TAKEN
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Approved (change 1). Change 2.X.2.2.3.4 from G\*C\*BSE---\*\*\*\*\* to G\*C\*BSW---\*\*\*\*\* and 2.X.3.3.7 from GH0\*PF----\*\*\*\*\* to GH0\*PG----\*\*\*\*\*.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-9
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Chuck Large	JIEO	24 January 1997	

CHANGE PROPOSAL TITLE
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1.X.3.2.2.1.1.1.1 HAS WRONG SYMBOL

COMMENT
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1.X.3.2.2.1.1.1.1 - Unframed friendly symbol is wrong.

JIEO ANALYSIS
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Agree. Replace unframed friendly symbol with correct symbol.

ACTION TAKEN
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Approved (change 1). Replace unframed friendly symbol with correct symbol.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-11
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
msj	JIEO	1 January 1997	

CHANGE PROPOSAL TITLE
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2.X CODE SCHEME

COMMENT
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2.X should have “G” in code scheme (Table B-IX).

JIEO ANALYSIS
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Agree. Add “G” to code scheme in Table B-IX.

ACTION TAKEN
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Approved (change 1). Add “G” to the code scheme in Table B-IX.

SYMBOLY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER	MIL97-12
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
msj	JIEO	28 January 1997	

CHANGE PROPOSAL TITLE

DUPLICATE SYMBOLS

COMMENT

2.X.3.3.1.1 and 2.X.3.3.11. These symbols look alike - but are they identical? Its a potential problem.

JIEO ANALYSIS

Agree. The symbol for 2.X.3.3.11 is incorrect. Replace with correct symbol.

ACTION TAKEN

Approved (change 1). Insert correct symbol in 2.X.3.3.11.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-15
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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POSITION THREE IN TACTICAL GRAPHICS

COMMENT
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Have some confusion on position three in Tactical graphics. Page 301 talks about position three of the Battlespace Geometry using an X for other, but page 302 lists a T and starting on page 309 it changes to a C, and then changes to an O on page 388. The meanings for T, C, and O are not listed in appendixes B or E.

JIEO ANALYSIS
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Recommend last sentence of paragraph E.4.1, page 301 be deleted and replaced as follows:  
“Battlespace geometry codes used in symbol ID code position 3, Battle Dimension are T (tasks), C (control measures), and O (operations other than war).”

ACTION TAKEN
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Approved as modified(change 1). Replace last sentence of paragraph E.4.1 with “Battlespace geometry codes used in symbol ID code position 3, Battle Dimension are T (tasks), C (control measures), and O (military operations other than war).”

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-17
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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PARAGRAPH B.4.2

COMMENT
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The table in appendix B lists a symbol code when there is no graphic associated with that code. This contradicts the last sentence of paragraph B.4.2 on page 72 which states, “The absence of a symbol code in the tables means that there is no graphic associated with that code”. Examples of this case include hierarchy numbers 1.X.3.2.1, Equipment Weapons, and 1.X.3.2.4, Special Equipment. Both of these have no graphic or symbol ID in appendix D, but they do list a symbol ID in appendix B.

JIEO ANALYSIS
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Delete last sentence of paragraph B.4.2 on page 72 which states, “The absence of a symbol code in the tables means that there is no graphic associated with that code.”. Every Hierarchy must have a code.

ACTION TAKEN
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Approved. Delete last sentence of paragraph B.4.2.



<p style="text-align: center;">SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM</p>
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CHANGE PROPOSAL NUMBER	MIL97-18
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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INCORRECT GRAMMAR/PUNCTUATION

COMMENT
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Page 15, paragraph 4.3.1, last sentence -Incorrect grammar/punctuation. Should read Though sometimes optional, in most cases a frame surrounds an icon.

JIEO ANALYSIS
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Agree. Change sentence to read, "Though sometimes optional, in most cases a frame surrounds an icon."

ACTION TAKEN
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Approved (change 1). Change last sentence of paragraph 4.3.1 to read, "Though sometimes optional, in most cases a frame surrounds an icon."

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-21
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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TABLE IV SIZE INDICATORS VS TABLE V STATUS INDICATORS

COMMENT
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Table IV lists Size Indicators and Table V lists Status Indicators. Table V, in accordance with appendix B, are actually a subset of size. Status also is used elsewhere in the manual to denote Actual/Planned positions and can be confusing to the reader.

JIEO ANALYSIS
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Table V is a continuation of size/mobility table. Recommend combining Table IV and Table V into one Table IV.

ACTION TAKEN
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Approved (change 1). Combine Tables IV and V into one Table IV.

SYMBOLY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER MIL97-22

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE

PARAGRAPH 5.5.1.6 TERM

COMMENT

5.5.1.6 -Is the term enemy non affiliation dependent. Cannot an enemy unit be depicted as a feint or dummy based on intelligence or other information?

JIEO ANALYSIS

Yes. Recommend the following sentence be used to show non restrictive use of feint/dummy: “The feint or dummy indicator identifies an offensive or defensive unit intended to draw the enemy's attention away from the area of the main attack.”

ACTION TAKEN

Approved (change 1). Use the following sentence to show non restrictive use of feint/dummy in paragraph 5.5.1.6: “The feint or dummy indicator identifies an offensive or defensive unit intended to draw the enemy's attention away from the area of the main attack.”

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-23
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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PARAGRAPH 5.6.1 FOURTH SENTENCE

COMMENT
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5.6.1, fourth sentence. States that “Table V provides examples of display options that can be used in color and monochrome displays...” This is actually Table VI. If table V were combined with table IV, as per comment above, then table VI would become table V and this reference would be OK.

JIEO ANALYSIS
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Combining the current Tables IV and V into one Table IV will change Table VI (current) to new Table V and allow the reference in paragraph 5.6.1 to stand as a correct reference.

ACTION TAKEN
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Agree (change 1). Combine Tables IV and V into one Table IV and change current Table VI to new Table V. This will allow reference in paragraph 5.6.1 to remain as is.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-24
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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GENERAL COMMENT ON APPENDICES A, B, AND D

COMMENT
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General comment on appendixes A, B, and D. The descriptions in the boxes of appendix A do not necessarily match those of B or D. An example is Hierarchy 1.X.2.1.2 on page 34 where the description is “HELO/ROTARY WING” versus appendix B and D which lists it as “HELICOPTER”.

JIEO ANALYSIS
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Agree. Review appendixes A, B, and D. Standardize descriptions where appropriate.

ACTION TAKEN
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Approved (change 1). Review appendixes A, B, and D. Standardize descriptions where appropriate.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-25
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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PARAGRAPH B.4.1.3 REFERENCE TO TABLES

COMMENT
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B.4.1.3. Should the table reference not be “Tables B-III through B-X” and not “B-III through B-VII”?

JIEO ANALYSIS
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Agree. Change reference in last sentence of paragraph B.4.1.3 from “Tables B-III through B-VII.”, to “Tables B-III through B-X.”

ACTION TAKEN
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Approved (change 1). Change reference in last sentence of paragraph B.4.1.3 from “Tables B-III through B-VII”, to “Tables B-III through B-X.”

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-26
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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PARAGRAPH B.4.2

COMMENT
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B.4.2 Last sentence states that “The absence of a symbol code in the tables means that there is no graphic associated with that code”. The tables in B in fact DO list a symbol code for when there is no graphic associated with that code. Examples are 1.X.3.2.1, Equipment Weapons and 1.X.3.2.4, Special Equipment. Both of these have no graphic or symbol ID in appendix D, but they do list a symbol ID in appendix B.

JIEO ANALYSIS
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Delete sentence. We need symbol code for each hierarchy number with or without an associated graphic.

ACTION TAKEN
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Approved (change 1). Delete last sentence of paragraph B.4.2.

SYMBOLGY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER MIL97-27

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE

TABLE B-I ADDITION

COMMENT

Table B-I. Need to add T, C, and O, including definition, into the Battle Dimension column. Should probably also be a reference in appendix E pointing here.

JIEO ANALYSIS

Agree. Add T, C, and O to Table B-I, Battle Dimension column. Recommend adding the following reference to appendix E, paragraph E.4.1: “Battlespace geometry codes used in symbol ID code position 3, Battle Dimension are T (tasks), C (control measures), and O (operations other than war).”

ACTION TAKEN

Approved as modified (change 1). Add the following sentence to appendix E, paragraph E.4.1: “Battlespace geometry codes used in symbol ID code position 3, Battle Dimension are T (tasks), C (control measures), and O (military operations other than war).”



SYMBOLGY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER MIL97-28

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE

1.X.3.1.1.1.2.1.2 MISSING DASH(-)

COMMENT

1.X.3.1.1.1.2.1.2 Missing dash (-) from function ID.

JIEO ANALYSIS

Agree. Add missing dash (-) to function ID of 1.X.3.1.1.1.2.1.2.

ACTION TAKEN

Approved (change 1). Add the missing dash(-) to the function ID of 1.X.3.1.1.1.2.1.2.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-29
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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FUNCTIONAL ID NUMBERING

COMMENT
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The functional ID for symbols 1.X.3.2.2.2.3 and 1.X.3.2.2.2.4 are not consistent when compared with all the other ground symbols.

JIEO ANALYSIS
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Agree. Recommend the following solution:

1.X.3.2.2.2.3 change SYMID code from S\*G\*EV UT L- \* \* \* \* to S\*G\* EV UL.

1.X.3.2.2.2.4 change SYMID code from S\*G\*EV UT X- \* \* \* \* to S\*G\* EV UX.

ACTION TAKEN
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Approved (change 1). Change the SYMID code of 1.X.3.2.2.2.3 from S\*G\*EVUTL-\*\*\*\*\* to S\*G\*EVUL--\*\*\*\*\*. Change the SYMID code of 1.X.3.2.2.2.4 from S\*G\*EVUTX-\*\*\*\*\* to S\*G\*EVUX--\*\*\*\*\*.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-30
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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CORRECT TABLE HEADINGS

COMMENT
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Table headings pages 97 and 98. Has “ECHELON/SIZE” instead of “SIZE/MOBILITY” and has “COUNTRY” instead of “COUNTRY CODE”.

JIEO ANALYSIS
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Agree. Correct headings to read “SIZE/MOBILITY” AND “COUNTRY CODE”.

ACTION TAKEN
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Approved (change 1). Correct table headings on pages 97 and 98. Change **ECHELON/SIZE** to **SIZE/MOBILITY**, and **COUNTRY** to **COUNTRY CODE**.

<p style="text-align: center;">SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM</p>
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CHANGE PROPOSAL NUMBER	MIL97-31
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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TABLE B-VIII, PAGE 100, MISSING WORD

COMMENT
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Page 100. "COUNTRY" should read "COUNTRY CODE" in table heading.

JIEO ANALYSIS
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Agree. Correct heading to read "COUNTRY CODE".

ACTION TAKEN
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Approved (change 1). Change **COUNTRY** heading on page 100 to read **COUNTRY CODE** in table heading.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-32
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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GRAPHICAL EXTENSIONS

COMMENT
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Page 125, paragraph C.4.4 (3), line 3 “TABLE C-IV” should be “figure 4”.

JIEO ANALYSIS
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Agree. Change reference to figure C-4.

ACTION TAKEN
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Approved (change 1). Change paragraph C.4.4 (3), line 3, page 125 from TABLE C-IV to Figure C-4.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-34
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ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

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PARAGRAPH C.4.8 CORRECTION

COMMENT
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C.4.8 -Shouldn't this be position 11??? and need to drop the “, (additional mission)” from the last sentence.

JIEO ANALYSIS
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Agree as modified. Sentence should read, “These indicators are identified in positions 11-12, (size/mobility) of the symbol code described in appendix B.”

ACTION TAKEN
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Approved with JIEO modification (change 1). Sentence should read, “These indicators are identified in positions 11-12, (size/mobility) of the symbol code described in appendix B.”

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-35
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
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MISSING LINES

COMMENT
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Table at bottom of heading missing the right half of the table line.

JIEO ANALYSIS
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Agree. Reprint page with lines.

ACTION TAKEN
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Approved (change 1). Reprint page with line corrections to table.

<p style="text-align: center;">SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM</p>
---

CHANGE PROPOSAL NUMBER	MIL97-36
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	

CHANGE PROPOSAL TITLE
-----------------------

PARAGRAPH E.4.1 LINE DELETION

COMMENT
---------

Para E.4.1 Delete the line “Battlespace geometry codes use X (other) in position 3 of the symbol ID code” since this is no longer true. The X in appendix B under Battlespace Geometry no longer exists since this was the only previous use.

JIEO ANALYSIS
---------------

Agree. Recommend deleting referenced sentence and replacing it with the following:  
“Battlespace geometry codes used in symbol ID code position 3, Battle Dimension are T (tasks), C (control measures), and O (operations other than war).”

ACTION TAKEN
--------------

Approved as modified. Delete referenced sentence in paragraph E.4.1 and replace with  
“Battlespace geometry codes used in symbol ID code position 3, Battle Dimension are T (tasks), C (control measures), and O (military operations other than war).”



SYMBOLGY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER	MIL97-38
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	25 February 1997	

CHANGE PROPOSAL TITLE

1.X.3.2.4.2. Friendly icon incorrectly framed.

COMMENT

1.X.3.2.4.2. Framed friendly symbol has incorrect frame.

JIEO ANALYSIS

Agree. Reaccomplish using correct frame.

ACTION TAKEN

Approved (change 1). 1.X.3.2.4.2; reaccomplish using correct frame for framed friendly symbol.

<p style="text-align: center;">SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM</p>
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CHANGE PROPOSAL NUMBER	MIL97-39
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	25 March 1997	

CHANGE PROPOSAL TITLE
-----------------------

TABLE D-I, 1.X hierarchy row.

COMMENT
---------

Page 135. Add row in table D-I for hierarchy 1.X (prior to 1.X.1). This is for consistency with 2.X, and 3.X etc.

JIEO ANALYSIS
---------------

Agree. For constancy, add row in table D-I for inclusion of 1.X hierarchy number.

ACTION TAKEN
--------------

Approved (change 1). Add row in table D-1 for inclusion of 1.X hierarchy number.

ENCLOSURE 5

SYMBOLGY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER MIL97-10

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
msj	JIEO	21 January 1997	15 April 1997

CHANGE PROPOSAL TITLE

INTERNAL SYMBOL HEIGHT

COMMENT

In the 1.X.1 and 1.X.2 files I received, the internal symbol is too high for the frame.

JIEO ANALYSIS

This issue is currently under review.

ACTION TAKEN

Not an issue. Problem is internal to graphics designers.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-13
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

DEFINE X

COMMENT
---------

Is the use of the X in the hierarchy defined in the standard? It wasn't before and I don't see it now. I'm not sure what it means since I cant find it. My understanding is that it represents the "affiliation" of a symbol, the X being the spot where the affiliation identifier is to be inserted. If Tactical Graphics and Weather have their own domains that are independent from the Warrior Graphics, then there is no need for "consistency" and the X needs to be deleted from the Weather hierarchy since weather has no affiliation. If it's for consistency, shouldn't it get a different affiliation, such as N for none or something? If they are also to have their own domains then they need to be broken out of appendix B and put in their own appendix(s) or caveats listed for their domain.

JIEO ANALYSIS
---------------

Under review.

ACTION TAKEN
--------------

Tabled.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-14
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

X AFFILIATION OPTION

COMMENT
---------

Assuming the X is an affiliation, is it optional when the definition states "measures designed to mislead the enemy" as stated on page 322 for deception graphics? If not, shouldn't the hierarchy and symbol code positions be filled to reflect them as a non optional affiliation?

JIEO ANALYSIS
---------------

See CP MIL97-13.

ACTION TAKEN
--------------

Tabled. Review in conjunction with MIL97-13.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-16
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

PAGE 310, POSITION FOUR, AFFILIATION

COMMENT
---------

Page 310 lists the affiliation for the graphics. Should not position 4 also identify the present/planned code, or is this actually an ignored code since the present/planned identification is actually part of the function ID whereas the warfighting graphics identify the present/planned in position 4 of the code and not part of the function. A side note for later consideration: should not page 312 for the FLOT, and others areas, also present the full symbol IDs for enemy and present/planned/suspect just for consistency?

JIEO ANALYSIS
---------------

This needs to be folded into the Tactical Graphics scrub.

ACTION TAKEN
--------------

Tabled until tactical graphics scrub is initiated.

<p style="text-align: center;">SYMBOLY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM</p>
--

CHANGE PROPOSAL NUMBER	MIL97-19
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	15 April 1997

CHANGE PROPOSAL TITLE
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PARAGRAPH 5.3.1.3 LAST SENTENCE

COMMENT
---------

Page 20, paragraph 5.3.1.3, last sentence -Planned status cannot be shown when a symbol is unframed. This is an important point that is referenced nowhere else. It's especially important since the position for status for both unframed and framing optional symbols is an \* when it should be a P, at least for the unframed since it's not optional. Framing optional could be left alone since it could be argued that it is dependent on whether it's framed or not.

JIEO ANALYSIS
---------------

Investigate possibility of depicting unframed icons with dashed lines if listed with Status = a.

ACTION TAKEN
--------------

Tabled. Request input from the Army and Marines on this.



SYMBOLGY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER MIL97-20

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	15 April 1997

CHANGE PROPOSAL TITLE

PARAGRAPH 5.3.2

COMMENT

Page 20, paragraph 5.3.2. In unframed symbols, color shall be the sole indicator of affiliation, excluding text modifiers. What about non-color systems? Some icons are not framed and, therefore, affiliation cannot be associated through color. I assume it's covered under the caveat of "This standard allows for deviations...." but the examples provided do not relate to this.

JIEO ANALYSIS

Send this to LTC Hank Salice and Dave Turek for input from the army.

ACTION TAKEN

This is a given. If they don't have color systems, they'll have to put a frame around it or invest in color systems.

SYMBOLGY CONFIGURATION MANAGEMENT  
CHANGE PROPOSAL FORM

CHANGE PROPOSAL NUMBER	MIL97-33
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	15 April 1997

CHANGE PROPOSAL TITLE

PARAGRAPH C.4.6, THIRD SENTENCE

COMMENT

C.4.6, third sentence. "...shall also display the appropriate icon from table D-1 in the symbols."  
What??? Is there a word or two missing after symbols or should all be dropped after D-1?

JIEO ANALYSIS

Recommend sentence be rewritten as follows: "Implementations choosing to display a color fill shall also display the appropriate icon from table D-1 within the symbols."

ACTION TAKEN

Approved as modified. Rewrite sentence to read as follows, "Implementations choosing to display a color fill shall also display within the symbols the appropriate icon from table D-1."

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-37
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Jim Moore	JIEO	15 January 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

OBJECT ORIENTATION

COMMENT
---------

Don't understand why tactical graphics can't be object oriented like the warrior symbols. Take 2X2113111. If you viewed this as with the same thought as a frame then the Planned/on order, number 2X2113112, would not have its own hierarchy and functional ID, but would be dependent upon its status Planned for its existence. Similar to Enemy, 2X2113113, its dependent upon its affiliation, similar to the selection of a frame shape based on affiliation. Planned, 2X2113114, is also treated accordingly. This entire section treats graphics this way. The difference in the treatment is that the warrior graphics are objectly oriented and tactical graphics are not.

JIEO ANALYSIS
---------------

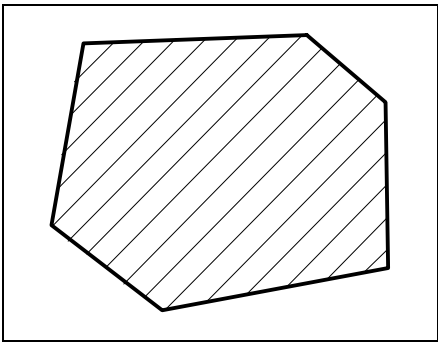
Agree. This is the focus of the Tactical Graphics scrub.

ACTION TAKEN
--------------

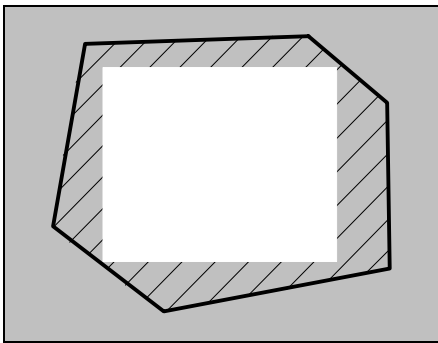
Tabled until initiation of tactical graphics scrub.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
CHANGE PROPOSAL NUMBER		MIL97-40	
ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	28 March 1997	15 April 1997
CHANGE PROPOSAL TITLE			
REENGINEER CERTAIN TACTICAL GRAPHIC SYMBOLS			
COMMENT			

Review Tactical Graphics. Some tactical graphic symbols are constructed in segments that overlap. When the background color for the symbol is other than white, the symbol appears incorrect. For example, hierarchy number 2.X.2.1.3.5 (see Figure A) is made up of polylines with an overlapping rectangle containing information inside of it. Tactical graphics constructed with these polylines and rectangles normally appear on a white background (as they appear now in MIL-STD-2525A). When presented in this manner, only the information inside the rectangles appears on the symbol. The rectangle itself blends into the white background. However, when the symbol background color is not white, the symbol takes on an odd appearance (see Figure B) because the white rectangle shows up on the color background.



**Figure A. 2.X.2.1.2.3.5  
(on white background)**

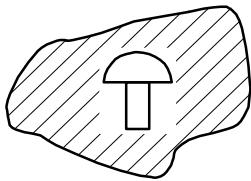


**Figure B. 2.X.2.1.2.3.5  
(on color background)**

In addition, there are cases in the MIL-STD-2525A where white rectangle shows up on top of

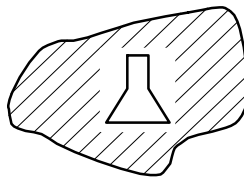
the polylines even though the background is white. Figures C, D, and E are specific examples of this situation. There are also several cases where the rectangle containing information is placed over a solid line to create the appearance of a dashed or broken line. On a white background this appears fine, but when a color background is used, the symbol does not appear correctly.

Recommend that the tactical graphics be reviewed. Any falling into the situations mentioned above should be reaccomplished to eliminate the rectangular background with additional information on the symbol. The additional information should be placed directly on the symbol.



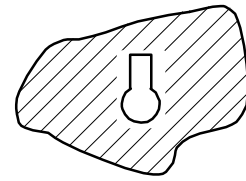
**Figure C. 2.X.2.2.4.7**

Any  
needing  
as a  
broken  
should  
created  
not by  
rectangle  
addition  
informat



**Figure D. 2.X.2.2.4.8**

polyline  
to appear  
dashed or  
line  
be  
that way,  
using  
s with  
al  
ion to make it appear dashed or



**Figure E. 2.X.2.2.4.9**

broken.

## JIEO ANALYSIS

Agree. Tactical graphics should be reviewed and corrected. Any containing rectangular blocks with additional information placed on top of polylines should be corrected. Rectangular blocks should be eliminated and only the specific additional information should appear on the symbol. Any polyline appearing as a dashed or broken line should be created that way; not placing the rectangles with additional information over a solid polyline to make it appear dashed or broken.

## ACTION TAKEN

Not applicable. This just requires a graphics scrub.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-41
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	28 March 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

APPENDIX B, SYMBOL CODE TABLES

COMMENT
---------

See Tables B-III - B-X, pages 76 - 120. Recommend changing position 4 (status) in symbol ID codes from an asterisk (\*) to the letter P (present). The asterisk is merely a place-holder used until a symbol is designed to present or anticipated/planned criteria. "P" corresponds to solid lines of "present" symbols as depicted in MIL-STD-2525A versus the use of dashed lines that would indicate anticipated/planned.

JIEO ANALYSIS
---------------

Agree. For constancy, position 4 (status) of symbol ID codes should be changed from an asterisk (\*) to the letter P (present) to correspond to the presentation of symbols in MIL-STD-2525A unless the symbol presented (as in certain TG symbols) is showing an anticipated event, operation, or action.

ACTION TAKEN
--------------

Agreed. This will be accomplished with next revision of the MIL-STD.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
---

CHANGE PROPOSAL NUMBER	MIL97-42
------------------------	----------

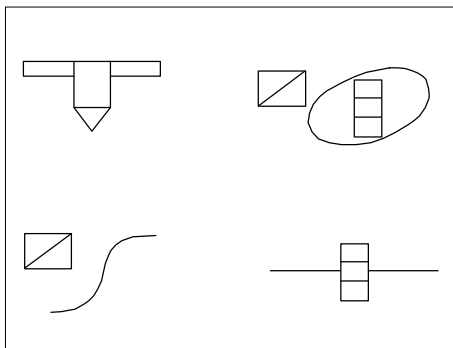
ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	2 April 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

**FIGURE 3B. REVISE “LINES” PORTION OF FIGURE**

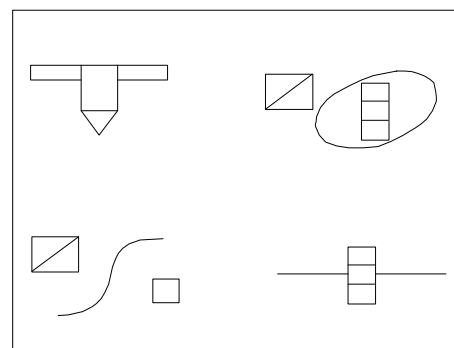
COMMENT
---------

Figure 3b, page 25 (see A below). Lower left corner of figure. Change “T” and “T(1)” to “A”. The “A”, (meaning symbol indicator) is more representative to the figure (see B below). In addition, add “H” to the same portion of the figure to indicate additional information can be added.



**FIGURE 3b. Placement of modifiers for points, areas, lines and boundaries.**

**(A)**



**FIGURE 3b. Placement of modifiers for points, areas, lines and boundaries.**

**(B)**

JIEO ANALYSIS
---------------

Agree. Replacing “T” and “T(1)” with “A” for symbol indicator brings graphic in line with FM

101-55-1. Adding “H” gives user ability to present additional information about this line since the line’s purpose may not be intuitively obvious.

ACTION TAKEN
--------------

On hold for rework. Resend to SSMC after review of new FM 101-5-1.



<p style="text-align: center;">SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM</p>
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CHANGE PROPOSAL NUMBER	MIL97-43
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	2 April 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

TABLE B-II. NOTE REVISION

COMMENT
---------

Table B-II, note at top of pages 73-75. Delete portion of note referring to numbers 0-9. These numbers are no longer used. Note should read as follows:

NOTE: In appendices B and D, the size/mobility columns show \*\* to indicate that these positions may be filled as --, -\*, \*-, or \*\* where \* = [A.....Z].

JIEO ANALYSIS
---------------

Agree. Revise note on pages 73 - 75 to read as stated in comment section above.

ACTION TAKEN
--------------

Approved. Revise note at top of pages 73-75. Delete portion of note referring to numbers 0-9.

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
---

CHANGE PROPOSAL NUMBER	MIL97-44
------------------------	----------

ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	15 March 1997	15 April 1997

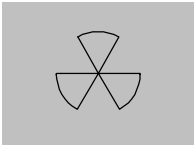
CHANGE PROPOSAL TITLE
-----------------------

HIERARCHY NUMBER 1.X.3.3.5.1

COMMENT
---------

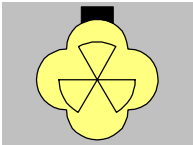
MIL-STD-2525A, page 268. Change hierarchy number 1.X.3.3.5.1 from “GROUND TRACK, INSTALLATION, MILITARY MATERIAL FACILITY, **ATOMIC ENERGY REACTOR**” to “GROUND TRACK, INSTALLATION, MILITARY MATERIAL FACILITY, **NUCLEAR ENERGY**”.

NUCLEAR ENERGY  
1.X.3.3.5.1

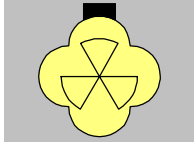


This will allow any number of specific subset nuclear facilities to be added under the banner of nuclear energy. The following hierarchy numbers and titles are recommended for addition as subsets under nuclear energy:

ATOMIC ENERGY  
1.X.3.3.5.1.1



NUCLEAR MATERIAL  
**STORAGE**  
1.X.3.3.5.1.3



NUCLEAR MATERIAL  
PRODUCTION  
1.X.3.3.5.1.2



TRAINING  
1.X.3.3.5.1.4



## JIEO ANALYSIS

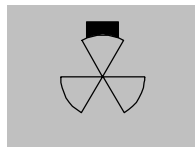
Agree. Changing “GROUND TRACK, INSTALLATION, MILITARY MATERIAL FACILITY, **ATOMIC ENERGY REACTOR**” to “GROUND TRACK, INSTALLATION, MILITARY MATERIAL FACILITY, **NUCLEAR ENERGY**” allows specific subset facilities to be broken out under nuclear energy. The four hierarchy numbers listed in the comment section above (1.X.3.3.5.1.1 - 1.X.3.3.5.1.4) for placement under nuclear energy should be added as subsets.

## ACTION TAKEN

Approved as modified.

1) Put cap on top of

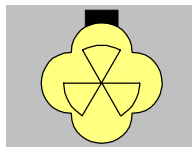
**NUCLEAR ENERGY**  
1.X.3.3.5.1



basic 1.X.3.3.5.1 **NUCLEAR ENERGY**

2) Change 1.X.3.3.5.1.1 from  
**ENERGY REACTOR:**

**ATOMIC ENERGY REACTOR**  
1.X.3.3.5.1.1



**ATOMIC ENERGY** to **ATOMIC**

3) Add the following

**WEAPONS GRADE**  
1.X.3.3.5.1.2.1



as a subset under 1.X.3.3.5.1.2:

4) Delete the recommended 1.X.3.3.5.1.4 **TRAINING**.

## TRAINING

1.X.3.3.5.1.4

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM
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CHANGE PROPOSAL NUMBER	MIL97-45
------------------------	----------

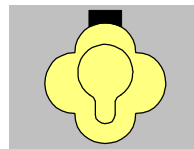
ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Steve Cincala	JIEO	9 April 1997	15 April 1997

CHANGE PROPOSAL TITLE
-----------------------

SUBSETS FOR HIERARCHY NUMBER 1.X.3.3.4.3, ELECTRIC POWER FACILITY

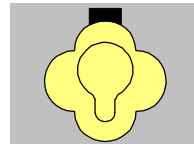
COMMENT
---------

MIL-STD-2525A, page 267. Recommend adding numbers as subsets under 1.X.3.3.4.3, GROUND SERVICE, RESEARCH, UTILITY; FACILITY; FACILITY. This improves the users ability to power facilities.

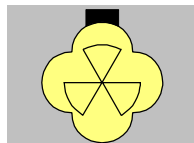
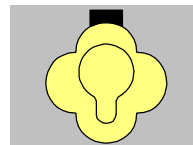


the following hierarchy  
TRACK; INSTALLATION;  
ELECTRIC POWER  
define types of electric

**NUCLEAR POWER**  
1.X.3.3.4.3.1




**DAM**  
1.X.3.3.4.3.2



**FOSSIL FUEL**  
1.X.3.3.4.3.3

JIEO ANALYSIS

Agree. The subsets with specific		provided in the comment section above provide users information about types of electric power facilities.
ACTION TAKEN		

Agreed as modified. Change 1.X.3.3.4.3.2 **DAM** to 1.X.3.3.4.3.2 **HYDRO-ELECTRIC**.

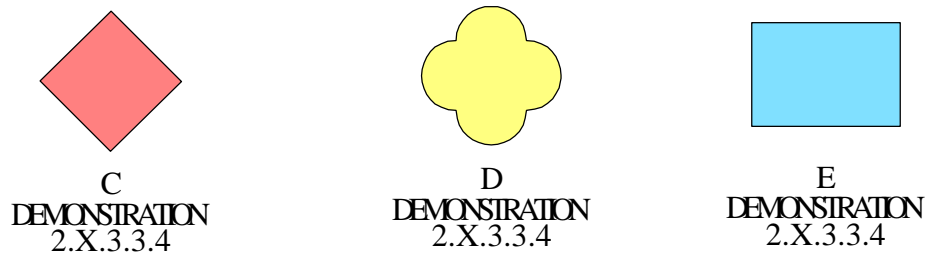
**HYDRO-ELECTRIC**  
1.X.3.3.4.3.2

SYMBOLGY CONFIGURATION MANAGEMENT CHANGE PROPOSAL FORM			
CHANGE PROPOSAL NUMBER		MIL97-46	
ORIGINATOR	SPONSOR	DATE RECEIVED	DATE OF ACTION
Thom Beal	JIEO	19 March 1997	15 April 1997
CHANGE PROPOSAL TITLE			
NEW HIERARCHY 1.X.7, EVENT; APPENDIX D			
COMMENT			

Recommend creation of hierarchy 1.X.7, titled “EVENT”, in appendix D. At the present time, appendix D (warfighting graphics) consists of units, installations, and equipment, but has no category encompassing events. In reality, events come in all variations; unknown, friendly, neutral, and hostile. They cover a broad spectrum of situations from drive by shootings to nuclear incidents and range from conditions of absolute war to operations other than war. It is important that this document establish a category for “events” which occur in situations of absolute war and other than war related scenarios.

Right now, MIL-STD-2525A contains “Military Operations Other Than War” (MOOTW) symbols in the tactical graphics section of the document and these account for a number of items that can be considered events. This proposed new track will encompass occurrences that pinpoint a time or place and is based on analysis of point graphics found in the tactical graphic portion of MIL-STD-2525A. In reviewing the MOOTW portion of tactical graphics (2.X.3s), one can see the use of frames with symbols gives the distinctive feel of appendix D symbols being misplaced in appendix E tactical graphics. For example, 2.X.3.1.4, BOMB/BOMBING (see A and B below) is presented both as a hostile and an unknown; 2.X.3.3.4, DEMONSTRATION (see C, D, and E below) is presented as hostile, unknown, and friendly. It can be argued that these and other symbols in the tactical graphics portion of the standard can be

framed in all four categories; unknown, neutral friend and hostile.



In addition to the graphics shown above, other graphics in the MOOTW section appear to fit the pattern for being utilized as hostile, friendly, neutral and unknown symbols. For example, 2.X.3.3.5 (minelaying), 2.X.3.3.6.1 (PSYOP (TV and Radio Propaganda)), 2.X.3.3.8 (spying), and 2.X.3.4.7 (internal security force).

JIEO ANALYSIS
---------------

This should be included in tactical graphics scrub.

ACTION TAKEN
--------------

Tabled until tactical graphics scrub is initiated.

